

ABSTRACT:

A1
A non-expanded porous polytetrafluoroethylene substrate is used in an endoprosthesis device. An elongate radially expandable tubular stent may also be included with the porous PTFE substrate, and together they form the endoprosthetic device. A method of making the porous polytetrafluoroethylene entails a novel method including a polymeric material in PTFE and thereafter removing the polymeric material to form the porous structure. The PTFE structure does not have nodes and fibrils.

IN THE SPECIFICATION:

Please replace paragraph [0050] on page 14 with the following paragraph:

A2
[0050] Fig. 3 illustrates generally at 10 an intraluminal device in the form of a stent 12 as shown in fig. 1 having a cover 14 on the outer surface of the stent 12 and liner 16 on the inner surface, both of which may be of the porous structure shown below in fig. 7. The stent may optionally have only a cover 14 as shown in fig. 5, or only a liner 16 as shown in fig. 6, or both as shown in fig. 3. In a preferred embodiment, the stent has both a cover 14 and a liner 16. The liner, cover, or both, will be referred to hereinafter collectively as a cover or covering. The cover provides an effective barrier about the stent 12 preventing excessive cell or tissue ingrowth or thrombus formation through the expanded wall of the stent 12.

Please replace paragraph [0052] on page 14 with the following paragraph:

A3
[0052] Fig. 1 is a more detailed illustration of stent 12 and shows generally an elongate tube. The body of stent 12 defines an opposed interior surface 11 and an exterior surface 13 and is formed of a generally open configuration having a plurality of openings or passages provided for longitudinal flexibility of the stent as well as permitting the stent to be radially expanded once deployed in the body lumen. Both the interior surface 11 and the exterior surface 13 may have